
**Washington State Department of Health
Site Assessment Section
Monthly Report for June 2006**



Sites in Chelan County

Lincoln Elementary School (Wenatchee)

Health Assessor - Elmer Diaz Phone: 360-236-3357

Community Outreach and Education - Rob Banes Phone: 360-236-3243

Site Manager: Valerie Drew - Washington State Department of Ecology

Site Background

Subsurface soil sampling was conducted in 2002 by the state Department of Ecology at the request of the Wenatchee School District. Levels of lead and arsenic were found to be above state cleanup levels for unrestricted land use for lead (250 mg/kg) and arsenic (20 mg/kg). These levels also exceed the recommendations of the area-wide soil contamination task force.

Activity Report

Addressing comments from regional ATSDR on the draft report. Working on research comments regarding bioavailability and cancer slope factor.

.....
Future Planned Activities

Finish up health consultation, and do outreach and education as needed for parents, teachers and the public in general.

Ecology has cleanup schedule for schools and will provide DOH with updates. Public meetings may be held around these cleanups in order to alleviate health concerns.

Sites in Chelan County

Manson Elementary School

Health Assessor - Elmer Diaz Phone: 360-236-3357

Community Outreach and Education - Rob Banes Phone: 360-236-3243

Site Manager: Valerie Drew - Washington State Department of Ecology

Site Background

Manson Elementary School is located in the town of Manson in Chelan County. Soil from neighboring orchards were used to build the school play yards. Orchard land soil is known to be contaminated with lead and arsenic. Results from soil samples from these play areas confirm elevated levels of lead and arsenic.

Activity Report

Addressing comments from regional ATSDR on the draft report. Working on research comments regarding bioavailability and cancer slope factor.

No outreach activities for this month. Summer school cleanup schedules and other topics were discussed last month with Ecology.

Future Planned Activities

Finish up health consultation, and do outreach and education as needed for parents, teachers and the public in general.

Public meetings will be held around Ecology cleanups, if needed, in order to alleviate health concerns. So far, no concerns have been raised.

Sites in Chelan County

Washington Elementary School (Wenatchee)

Health Assessor - Elmer Diaz Phone: 360-236-3357

Community Outreach and Education - Rob Banes Phone: 360-236-3243

Site Manager: Valerie Drew - Washington State Department of Ecology

Site Background

Subsurface soil sampling was conducted in 2002 by the state Department of Ecology at the request of the Wenatchee School District. Levels of lead and arsenic were found to be above state cleanup levels for unrestricted land use for lead (250 mg/kg) and arsenic (20 mg/kg). These levels also exceed the recommendations of the area-wide soil contamination task force.

Activity Report

Addressing comments from regional ATSDR on the draft report. Working on research comments regarding bioavailability and cancer slope factor.

No current outreach activities are planned for this site.

.....
Future Planned Activities

Finish up health consultation, and do outreach and education as needed for parents, teachers and the public in general.

Public meetings will be held around cleanup schedules, if needed, to help alleviate public health concerns.

Sites in Clallam County

Rayonier

Health Assessor - Gary Palcisko Phone: 360-236-3377

Community Outreach and Education - Rob Banes Phone: 360-236-3243

Site Manager: No Site Manager On Record -

Site Background

The former Rayonier Pulp Mill is located at 700 North Ennis Street, on the northern edge of downtown Port Angeles. The mill property consists of approximately 80 acres, including submerged land in the southeastern portion of Port Angeles Harbor, adjacent to the Strait of Juan de Fuca, along the northern coast of the Olympic Peninsula. The pulp mill operated between 1930 and 1997, using an acid sulfite and bleaching process to produce acetate, specialty paper, fluff, and viscose grade pulps from wood chips. Most of the facility has been dismantled since its closure.

A significant portion of the upland area of the mill site is underlain by fill. Fill materials, which have been characterized as "highly variable," include sand, silt, and gravel; wood waste, ash, and demolition debris (e.g., brick, metal, concrete, and wood). These fill materials are potentially contaminated, particularly the ash, which may contain elevated levels of dioxins. Accidental spills and leaks of chemicals to soil and groundwater occurred while the facility was in operation. Petroleum, boiler ash, and dry and liquid chemicals are some of the released substances.

A number of environmental investigations have been conducted at the mill site. Dioxins, furans, petroleum and some of its constituents (e.g., polynuclear aromatic hydrocarbons (PAHs), benzene, ethylbenzene, toluene, and xylene), polychlorinated biphenyls (PCBs), solvents, and metals were some of the chemicals detected in soil, groundwater, and sediment during these investigations.

Groundwater is not currently being used as a drinking water source but discharges to surface water (Ennis Creek and the Port Angeles Harbor), where biota is being harvested by recreational and subsistence fishermen.

Activity Report

No health assessment activity this month.

No current outreach activities this month.

.....

Future Planned Activities

No future outreach activities are planned for this site.

Sites in Clark County

Cadet Manufacturing Company

Health Assessor - Barbara Trejo Phone: 360-236-3373

Community Outreach and Education - Rob Banes Phone: 360-236-3243

Site Manager: Craig Rankine - Washington State Department of Ecology

Site Background

Chlorinated solvents, particularly trichloroethylene (TCE) and tetrachloroethylene (PCE), were discovered in the late 1990s in groundwater underlying a portion of the Fruit Valley Neighborhood, a predominantly residential community, located downgradient of the Cadet Manufacturing site in Vancouver, WA. The solvent contaminated groundwater is being investigated by Cadet, under WA Department of Ecology oversight. The solvent contaminated groundwater poses a possible indoor air health risk to the community. The WA Department of Health has been evaluating possible health risks at this site since 2001.

Activity Report

No health assessment activities conducted in June 2006.

A general vapor intrusion fact sheet has been developed and may be used for outreach activities for this site.

Future Planned Activities

Review the Port of Vancouver's proposed approach for addressing the groundwater to indoor pathway and participate in future discussions with the Port and Ecology. Review the revised RI report.

Outreach activities will depend on DOH and Ecology activities planned for the site.

Sites in Clark County

Cadet/Port of Vancouver Co-Mingled Solvent Contaminated Groundwater Plume

Health Assessor - Barbara Trejo Phone: 360-236-3373

Community Outreach and Education - Rob Banes Phone: 360-236-3243

Site Manager: Craig Rankine - Washington State Department of Ecology

Site Background

Plumes of solvent contaminated groundwater originating at the Cadet Manufacturing Company and the former Swan Manufacturing Company (property owned by the Port of Vancouver (POV) have co-mingled posing a potential indoor air health risk to the southern portion of the nearby Fruit Valley Neighborhood (FVN), a predominantly residential community, in Vancouver, WA.

Activity Report

Participated in a meeting with Ecology and the Port of Vancouver (POV) to discuss agency concerns with the RI and RI update report for the Swan Manufacturing Company (SMC) site, which includes data and other information about the Cadet/Port of Vancouver co-mingled plume area. Participated in a second meeting with Ecology and the POV where POV presented potential remedial options.

A general vapor intrusion fact sheet has been developed and may be used in outreach activities for this site.

Future Planned Activities

Assist Ecology in preparing a health message when the March 2006 indoor air data are distributed to the community underlain by the co-mingled groundwater plume. Continue reviewing the SMC site RI/RI update report and prepare comments summarizing DOH's concerns about the co-mingled plume area.

Outreach activities will depend on DOH and Ecology activities planned for the site.

Sites in Clark County

Caribou Realty Group

Health Assessor - Barbara Trejo Phone: 360-236-3373

Community Outreach and Education - Rob Banes Phone: 360-236-3243

Site Manager: Cris Matthews - Washington State Department of Ecology

Site Background

Clark County Health District detected up to 116,000 ppb tetrachloroethylene (PCE) in shallow groundwater below the Caribou Realty Group property located in Vancouver, Washington. Public and private wells in the vicinity of the property as well as indoor air at and near the property may be at risk from this PCE contaminated groundwater. DOH was contacted by Ecology to evaluate possible health risks.

Activity Report

No health assessment activities conducted in June 2006.

No current outreach activities for this site.

Future Planned Activities

Complete a health consultation report that will summarize DOH's findings regarding the PCE that is entering indoor air via volatilization from the underlying shallow groundwater.

Outreach activities will be based upon health consultation recommendations.

Sites in Clark County

Swan Manufacturing Company

Health Assessor - Barbara Trejo Phone: 360-236-3373

Community Outreach and Education - Rob Banes Phone: 360-236-3243

No Site Manager Assigned

Site Background

Chlorinated solvents, particularly trichloroethylene (TCE) and tetrachloroethylene (PCE), were discovered in 1997 in groundwater at the Swan Manufacturing (Swan) site. Chlorinated solvents were also discovered in soils. Some contaminated soils have been removed from the site. A plume of chlorinated solvents associated with the Swan site is located in the underlying Unconsolidated Sedimentary Aquifer (USA), a current and future source of potable water. A portion of the Swan groundwater contaminant plume co-mingles with a solvent plume associated with the nearby Cadet Manufacturing site, located to the northeast, posing a potential indoor air health threat to buildings in the nearby south Fruit Valley Neighborhood. The solvent contaminated groundwater is being investigated by the Port of Vancouver, under WA Department of Ecology oversight.

Activity Report

Continued reviewing the RI reports. Participated in a meeting with Ecology and the Port of Vancouver (POV) to discuss preliminary agency concerns with the RI reports. Participated in a second meeting with Ecology and the POV where POV presented potential remedial options.

No current outreach activities for this site.

Future Planned Activities

Continue reviewing the RI report. DOH comments on the RI will be provided to Ecology in July 2006.

No future outreach activities for this site are planned.

Sites in Island County

Holmes Harbor Recreational Shellfish Growing Area

Health Assessor - Len O'Garro Phone: 360-236-3376

Community Outreach and Education - Rob Banes Phone: 360-236-3243

No Site Manager Assigned

Site Background

Holmes Harbor is a horseshoe- shaped sheltered bay located in South Whidbey Island, which flows north for 12 miles to empty into Saratoga Passage on South Whidbey's eastern shores, Island County, Washington State. In February 2006, the Washington State Department of Health (DOH) received a request from a citizens group for a public health consultation of Holmes Harbor Recreational shellfish growing area in Freeland, Island County, Washington. The citizens group is concerned that contamination from industrial activities might have contaminated the surface water and sediment; thereby posing a risk to human health from consumption of intertidal shellfish harvested in the area.

Activity Report

Draft health consultation is currently in the Agency review process

No current outreach activities are planned for this site.

Future Planned Activities

Outreach activities will depend on recommendations from the health consultation.

Sites in King County

BSB Diversified/Hexcel Corporation

Health Assessor - Elmer Diaz Phone: 360-236-3357

Community Outreach and Education - Rob Banes Phone: 360-236-3243

Site Manager: Hideo Fujita - Washington State Department of Ecology

Site Background

The BSB Diversified/Hexcel Corporation is a combination of three large properties that cover an area of approximately 21 acres. The properties are located in a mix of commercial, industrial and residential facilities in Kent, Washington. The properties have been used for metal finishing and electroplating plants in the past. Groundwater beneath some of the parcels are contaminated with chlorinated compounds including trichloroethylene (TCE), cis-1,2-dichloroethylene (1,2-DCE) and vinyl chloride.

Activity Report

Received BSB's comments on the draft Health Consultation BSB and Hexcel Properties, Kent, Washington from PES Environmental, Inc. Engineering & Environmental Services.

No current outreach activities for this site.

Future Planned Activities

Discuss comments with BSB's property regarding recommendations.

Outreach activities will depend on health assessment recommendations.

Sites in King County

Burlington Environmental Incorporated - Georgetown (Philip Services - Georgetown)

Health Assessor - Barbara Trejo Phone: 360-236-3373

Community Outreach and Education - Rob Banes Phone: 360-236-3243

Site Manager: Ed Jones - Washington State Department of Ecology

Site Background

The Philips Services - Seattle Georgetown facility and the nearby community are underlain by shallow groundwater contaminated with a variety of chemicals including volatile chemicals like trichloroethylene (TCE). The community is on city water so these chemicals do not pose a threat to drinking water. However, the volatile chemicals pose an indoor air health risk. Philip Services is monitoring groundwater and installing vapor mitigation systems in buildings where it appears that volatile groundwater contaminants are migrating into buildings above action levels.

Activity Report

Reviewed PSC's vapor intrusion assessment and mitigation approach, which will be used to evaluate potential indoor air health risks in the nearby community during site remediation. Comments on the approach were provided to Ecology.

No current outreach activities for this site.

Future Planned Activities

Review the final site wide feasibility study.

Outreach activities will depend upon health consultation recommendations.

Sites in King County

Dallas Avenue Soil Removal

Health Assessor - Elmer Diaz Phone: 360-236-3357

Community Outreach and Education - Rob Banes Phone: 360-236-3243

Site Manager: John Keeling - Washington State Department of Ecology

Site Background

Polychlorinated biphenyls (PCBs), metals, and petroleum compounds were discovered in surface and/or subsurface soils on and adjacent to the site streets. Some contaminants were also found on residential properties. The source of these contaminants has not been identified, but some possible sources are the former Malarkey Asphalt Company where these types of contaminants were detected during past environmental investigations, the former Basin Oil facility where waste petroleum products were handled, and the City of Seattle, which may have applied oil to the unpaved streets in the past.

Activity Report

No activity report for this site.

EI Health Consultation Mailed out

No current outreach activities for this site.

Future Planned Activities

No plan activities for now. The site has been remediated.

Future outreach activities will depend upon health consultation recommendations and feedback from stakeholders.

Sites in King County

Geoduck Tract # 6100 Tribal Request

Health Assessor - Gary Palcisko Phone: 360-236-3377

Community Outreach and Education - Rob Banes Phone: 360-236-3243

No Site Manager Assigned

Site Background

The Suquamish Tribe requested the certification of geoduck tracts for commercial harvest. In order to certify the proposed area for commercial harvest, the Washington State Department of Health's Office of Food Safety and Shellfish Programs (OFSSP) must determine that the proposed harvest area is not impacted by point and non-point sources of contamination. DOH is working with the Suquamish Tribe to prepare a work plan for sampling and analysis of geoduck for chemical contaminants. Analyzing geoduck tissue for chemical contaminants is just one of many steps in the certification process.

Activity Report

The Suquamish Tribe collected geoducks from 60 locations along tract 6100. King County Environmental Lab dissected and homogenized the samples for metals analysis. Remaining homogenate will be archived for potential future organic chemical analyses.

No current outreach activities for this site.

.....
Future Planned Activities

No future outreach activities for this site.

Sites in King County

Lower Duwamish River Corridor

Health Assessor - Gary Palcisko Phone: 360-236-3377

Community Outreach and Education - Rob Banes Phone: 360-236-3243

Site Manager: No Site Manager On Record -

Site Background

The Lower Duwamish Waterway (LDW) empties into Elliot Bay in Seattle. It is a Superfund site. The LDW is surrounded by mixed land uses including residential, commercial and industrial. Contaminants of concern in sediments and fish include arsenic, cadmium, chlordane, cPAHs, DDE, PCBs, and mercury. The Washington State Department of Health completed a Public Health Assessment (PHA) on the LDW in September of 2003. A key result of that PHA is the development of fish consumption advisories. Outreach is ongoing.

Activity Report

No health assessment activity this month.

The three new Duwamish Fish Consumption Advisory signs were installed the week of June 12th. Posters of the sign have been distributed to organizations and agencies involved with the site. A media advisory was drafted and released on June 23, 2006, to announce the new Duwamish River Fish Consumption advisory sign unveiling at Herring's House Park, Seattle. The advisory came out in August of 2005, but the timing of the new sign message approval, construction and installation of the signs, and other details were just finished. The International District's WILD and elder programs, Seattle-King County Public Health, People for Puget Sound, and Duwamish River Cleanup Coalition had representatives at the unveiling and KIRO 710 radio and KIRO 7 TV were on hand to interview attendees.

Posters and other copies of the new signs were distributed.

Future Planned Activities

Rob will continue to provide translations of the Duwamish Fish Consumption Advisory and other materials and outreach as needed to the stakeholders. The 2nd annual Duwamish River Festival is coming up soon.

Sites in King County

Quendall Terminals

Health Assessor - Len O'Garro Phone: 360-236-3376

Community Outreach and Education - Rob Banes Phone: 360-236-3243

Site Manager: Lynda Priddy - US Environmental Protection Agency

Site Background

Quendall Terminals is a 25-acre property located on the southeastern shore of Lake Washington. The property has been used for tar refining, fuel storage and a log sort yard. Soil, lake sediments, groundwater and surface water have been impacted due to past uses.

Activity Report

Currently reviewing data and preparing draft health assessment.

Quendall Terminals was added to the Superfund List on April 19th.

No current outreach activities are planned for this site.

Future Planned Activities

Outreach activities will depend on Public Health Assessment recommendations.

Sites in King County

SeaTac Regional Aquifer - Master Park Site # 1

Health Assessor - Elmer Diaz Phone: 360-236-3357

Community Outreach and Education - Rob Banes Phone: 360-236-3243

Site Manager: Roger Nye - Washington State Department of Ecology

Site Background

Total Petroleum Hydrocarbons and Benzene, Toluene, Ethyl-benzene, and Xylene compounds were discovered in the groundwater at the Master Park site, located along the west side of the 16000 block of International Boulevard (Highway 99) in SeaTac, Washington with the highest contaminant concentrations detected near the southern boundary of the Loudon Real Estate (Loudon) site, which is located immediately north of the Master Park site. Neither the source nor the lateral and vertical extent of the groundwater contamination at the Master Park site has been determined.

Activity Report

No activity report for this site.

No current outreach activities for this site.

.....
Future Planned Activities

Check up on the status of the recent sampling event.

No future outreach activities are planned for this site.

Sites in King County

South Park Air Complaints

Health Assessor - Gary Palcisko Phone: 360-236-3377

Community Outreach and Education - Rob Banes Phone: 360-236-3243

Site Manager: No Site Manager On Record -

Site Background

Residents of South Park and Georgetown communities have voiced numerous concerns related to chemical pollution and air quality including odors, headaches, respiratory problems, miscarriage, nausea, blurry vision, fatigue, and cancer. In 1996, a community group petitioned the Agency of Toxic Substances and Disease Registry (ATSDR) to conduct an area-wide assessment of hazardous pollutants in south Seattle. ATSDR was unable to conduct the area-wide assessment, but negotiated with the community to select 8 sites perceived by the community to potentially impact health. DOH, ATSDR's cooperative agreement partner, has evaluated potential health impacts posed by these eight sites and concluded that sites by themselves may not solely impact residential areas at levels of health concern, but may contribute in concert with other sources to create an unhealthy environment. This is especially true in areas where multiple sources are densely located in one area.

DOH has contracted to have a multiple source air dispersion model conducted in South Seattle in order to determine sources, pollutants, and impacted areas of concern.

Activity Report

No current outreach activities for this site in terms of air quality complaints.

Future Planned Activities

No future outreach activities are planned for this site in terms of air quality.

Sites in King County

Van Waters & Rogers (VW&R)

Health Assessor - Barbara Trejo Phone: 360-236-3373

Community Outreach and Education - Rob Banes Phone: 360-236-3243

Site Manager: Ron Timm - Washington State Department of Ecology

Site Background

Shallow groundwater below the VW&R site, located in Seattle, is contaminated with chlorinated hydrocarbons (e.g., TCE, PCE, vinyl chloride) and non-chlorinated hydrocarbons (e.g., BTEX). Indoor air samples collected from the overlying warehouse/office contain a number of the same chemicals found in groundwater, which suggests that chemicals are migrating from the contaminated groundwater into indoor air, posing a potential health risk.

Activity Report

No health assessment activities in June 2006.

No current outreach activities for this site. A fact sheet for vapor intrusion was developed and refined. If this site is determined to have this exposure pathway, the vapor intrusion fact sheet can be useful to help the public understand the health risks.

Future Planned Activities

At the request of the Washington Department of Ecology, DOH will continue evaluating site data to determine whether solvent contaminated groundwater below the site poses an indoor air health risk to workers in buildings overlying the contaminated groundwater. A health consultation report summarizing DOH's findings, conclusions, and recommendations regarding potential indoor air exposure as a result of underlying solvent contaminated groundwater will be completed in the future.

No future outreach activities are planned for this site.

Sites in Kitsap County

Poulsbo Nike 81

Health Assessor - Len O'Garro Phone: 360-236-3376

Community Outreach and Education - Rob Banes Phone: 360-236-3243

No Site Manager Assigned

Site Background

The former Nike Missile Launch Site #81 is located approximately 1.5 miles northwest of Poulsbo city limits on the north side of Finn Hill Road in Kitsap County, Washington State and covers around 81.91 acres. About 35 acres of the site contained three missile magazines, support buildings and barracks. The rest of the site was undeveloped. Community members are concerned about potential high cancer incidences among residents using groundwater as a source of drinking water near the site.

Activity Report

Currently reviewing data and preparing draft health consultation. Also awaiting new data from EPA.

No current outreach activities for this site.

.....

Future Planned Activities

No future outreach activities have been planned for this site.

Sites in Kitsap County

Wyckoff Shoal (Eagle Harbor)

Health Assessor - Gary Palcisko Phone: 360-236-3377

Community Outreach and Education - Rob Banes Phone: 360-236-3243

Site Manager: No Site Manager On Record -

Site Background

The Wyckoff/Eagle Harbor site is a former wood treating operation that contaminated uplands, groundwater, and marine areas with wood treating chemicals. Several remedies have been put in place to stem the flow of contaminants from uplands into the marine environment. An existing fish advisory is in place for Eagle Harbor, and commercial and recreational harvest of shellfish is prohibited/not advised due to potential contaminant concerns.

Meanwhile, the city of Bainbridge Island is planning to extend its wastewater discharge into deeper water thereby decreasing sewage impacts on shellfish beds near Eagle Harbor. The Suquamish Tribe has expressed interest in harvesting geoduck from beds near Eagle Harbor once the sewage outfall is extended and water quality tests show that the area is no longer impacted by sewage.

With the future harvest geoduck from beds near Eagle Harbor a real possibility, the Suquamish Tribe and DOH want to make sure that geoducks harvested near Eagle Harbor are not impacted by chemical contamination from the Wyckoff Eagle Harbor site. DOH has worked with the Suquamish Tribe and EPA to develop a shellfish sampling plan that would adequately measure chemical contamination in these geoduck tracts.

Activity Report

The Suquamish Tribe collected additional geoduck sample from tracts adjacent to Eagle Harbor. These samples will be analyzed for metals.

No current outreach activities for this site.

Future Planned Activities

The latest data will be included in the draft Health Consultation.

No future outreach activities are planned for this site.

Sites in Lewis County

Hamilton Road TCE

Health Assessor - Gary Palcisko Phone: 360-236-3377

Community Outreach and Education - Rob Banes Phone: 360-236-3243

Site Manager: No Site Manager On Record -

Site Background

Hamilton Road PCE aka Hamilton-Labree Roads GW Contamination site is located 3 miles southwest of the city of Chehalis in southwest Washington. In 1993, testing of the drinking water wells by the Washington State Department of Health (DOH) revealed that six wells in the vicinity of the intersection of Hamilton and Labree Roads were contaminated with tetrachloroethene (PCE). PCE, a suspected human carcinogen, is a chemical commonly used as a solvent in metal degreasing and cleaning operations, dry cleaning and other industrial uses.

Groundwater investigations and cleanup activities are ongoing, and EPA has facilitated the supply of city water to residents and businesses impacted by the contaminant plume.

Activity Report

No health assessment activity this month.

No outreach activities this month.

Future Planned Activities

No future outreach activities are planned for this site.

Sites in Multiple County

Eastern and Central Washington Schools

Health Assessor - Elmer Diaz Phone: 360-236-3357

Community Outreach and Education - Rob Banes Phone: 360-236-3243

Site Manager: Valerie Drew - Washington State Department of Ecology

Site Background

As part of an ongoing effort to further characterize sites throughout Eastern and Central Washington, the Department of Ecology has conducted soil sampling in many schools in the counties of Chelan-Douglas, Okanogan and Yakima. Preliminary soil data analysis suggest that many schools need the implementation of interim remedial or permanent actions to reduce the amount that children are exposed to soil. Based on the preliminary data analysis DOH recommended the following actions:

- 1) There is no recommended action if levels fall below MTCA.
- 2) Outreach and education is recommended if levels fall between MTCA and Ecology's interim action levels (IALs), a site visit is essential to assess playground conditions.
- 3) A health consultation is recommended if levels fall above Ecology's IALs, a site visit is very important to evaluate child exposure.

MTCA values for lead are 250 mg/kg and Ecology IALs 500 mg/kg

MTCA values for arsenic are 20 mg/kg and Ecology IALs are 100 mg/kg

The elementary schools are priority targets for DOH; however, Intermediate and High Schools that have high levels will be considered for outreach and education.

Activity Report

On June 2, 2006, Joanne Prado, Rob Banes and Elmer Diaz participated in the 2nd Annual Conference for the Yakama Nation Child Care and Development Fund, Division of Child Care & Early Learning and Educational Training Partners "Heritage Celebration Conference" in Toppenish, Washington. DOH presented power points on subjects related to Keeping our Children Healthy and Contaminated Schools on Former Orchard Lands: Assessing the risks from Arsenic and Lead.

Future Planned Activities

Public health meetings and talks will take place in the summer in elementary schools scheduled for cleanup during this summer, and child day care centers.

Talks to health care providers will address issues regarding playground school contamination with lead and arsenic and child prevention.

Sites in Multiple County

Lake Roosevelt (Upper Columbia River)

Health Assessor - Len O'Garro Phone: 360-236-3376

Community Outreach and Education - Rob Banes Phone: 360-236-3243

Site Manager: Sally Thomas - US Environmental Protection Agency

Site Background

Lake Roosevelt or the Upper Columbia River runs from the U.S./Canada border to the Grand Coulee Dam and surrounding upland areas. Past studies by federal and state agencies have shown increased levels of hazardous waste contamination in Upper Columbia River sediments, including heavy metals such as cadmium, copper, lead, mercury and zinc, and other contaminants like dioxins and furans.

Activity Report

Currently preparing draft Health Consultation for beach sediments

Three Public Meetings were held in Wellpinit June 12, 1-3PM; Northport June 13, 6-8PM; Colville June 14, 6-8PM. A private Colville Confederated Tribes meeting was held in Inchelium on June 15, 3PM. Side meetings were held by EPA, EPA & DOH, DOH, and Wayne with local groups, media, and council members. Rob did much of the DOH presentation in the public meetings with Wayne and Ric Robinson of ATSDR available for additional support.

Follow-up visits to area to collect beach samples and hold additional meetings with stakeholders will be held in July. Future data sets regarding fish, water quality, deep water sediments, etc. will become available later this summer.

Future Planned Activities

Outreach activities will depend upon stakeholder meetings, health consultation data, and recommendations.

Sites in Pierce County

B & L Woodwaste Landfill

Health Assessor - Len O'Garro Phone: 360-236-3376

Community Outreach and Education - Rob Banes Phone: 360-236-3243

Site Manager: Dom Reale - Washington State Department of Ecology

Site Background

The B&L site is approximately 20 acres in size and located 1.5 miles southeast of the Hylebos waterway in Milton, Washington. The B&L landfill operated from the mid-1970s through 1981, receiving debris from log sort yards located within the Commencement Bay Nearshore/Tideflats (CBN/T) Superfund site. Previous investigations of the B&L landfill site indicate the primary source of arsenic contamination in on-site groundwater is slag contained in wood waste fill material.

Activity Report

Pending receipt of data from Cascade Design Collaborative, Inc., for soil testing results from the nearby future soccer field area.

No current outreach activities for this site.

Future Planned Activities

Outreach activities will depend on health assessment data and recommendations.

Sites in Pierce County

Matthews Property

Health Assessor - Joan Hardy Phone: 360-236-3173

Community Outreach and Education - Rob Banes Phone: 360-236-3243

No Site Manager Assigned

Site Background

In May 2003, a diesel release was discovered under the residence owned by Ms. Barbara Matthews in Puyallup, Washington. Sound Environmental Strategies (SES) initiated a site characterization and remediation two days later; site activities are documented in SES's Cleanup Action Report (November 21, 2003). To date, groundwater has not been characterized. DOH has prepared this health consultation to address this potential exposure pathway.

Activity Report

No current outreach activities for this site.

Future Planned Activities

No future activities are planned for this site.

Sites in Snohomish County

Yttri/Wozow Property

Health Assessor - Barbara Trejo Phone: 360-236-3373

Community Outreach and Education - Rob Banes Phone: 360-236-3243

Site Manager: Gail Colburn - Washington State Department of Ecology

Site Background

Contaminants and buried debris were discovered at this Snohomish County site in the mid-1990s and were observed again in February 2005 while a foundation for a single-family residence was being installed at the property. The WA Department of Ecology requested assistance from DOH because of concerns about potential future residential exposures to the site contaminants. Snohomish County Planning was concerned about possible health risks for its building inspectors.

Activity Report

No health assessment activities in June 2006.

No current outreach activities for this site.

Future Planned Activities

Sampling results from the future site investigation, when they become available, will be evaluated as part of a health consultation.

No future outreach activities are planned for this site.

Sites in Spokane County

Coeur d'Alene Basin (Spokane River)

Health Assessor - Elmer Diaz Phone: 360-236-3357

Community Outreach and Education - Rob Banes Phone: 360-236-3243

Site Manager: John Roland - Washington State Department of Ecology

Site Background

Lead and arsenic contaminated sediment were discovered at common use areas (CUAs) located on public and private lands along the banks of the Spokane River from the Washington/Idaho border to the confluence with the Columbia River. As a precautionary measure, DOH and local health issued a sediment contact advisory for the river. A health consultation is being developed to provide a more detailed evaluation of health concerns over sediment contact.

Activity Report

No activity report for this site.

No current outreach activities for this site.

.....
Future Planned Activities

Follow up with Ecology and EPA on upcoming remedial actions for common use areas of the Spokane River.

Outreach activities will depend upon health consultation recommendations.

Sites in Spokane County

Euclid Road Groundwater Contamination

Health Assessor - Barbara Trejo Phone: 360-236-3373

Community Outreach and Education - Rob Banes Phone: 360-236-3243

Site Manager: Ken Marcy - US Environmental Protection Agency

Site Background

EPA discovered TCE contaminated groundwater above the MCL (5 ug/l) at three private drinking water systems in Reardan, Washington, near Spokane. These private systems obtain their water from the underlying basalt aquifer. TCE levels measured at taps in two homes ranged from 25 to 56 ug/l TCE. A water sample collected from a water storage tank at the third residence was approximately 130 ug/l TCE. The source of the TCE is unknown. EPA has hired a contractor to design and install water treatment systems at the three residences to reduce resident's exposure to TCE via the ingestion, inhalation, and dermal pathways. EPA conducted a groundwater investigation in the area in November 2005.

Activity Report

Coordinated with EPA and Spokane Regional Health District (SRHD) to develop a joint fact sheet that was mailed to the community. Attended an EPA meeting with the community to address community health questions. Continued evaluating site information and data and preparing the draft health consultation report that will summarize DOH's evaluation of the health risks posed by TCE, which was the initial contaminant discovered at the site in 2004, perchlorate, and NDMA.

On June 7, 2006, Barbara, Wayne, Rob, and Mike LaScuola held a conference call and discussed the site. Mike, Barbara, and Wayne are going to participate in a public meeting in Reardan near the end of June in order to discuss the site and chemicals of concern.

Future Planned Activities

Complete the draft health consultation report and provide involved agencies an opportunity to review and comment on the document. Review new drinking water data, when it becomes available for the site.

Activities will depend on upcoming public meeting feedback and health consultation recommendations.

Sites in Spokane County

North Glen (Colbert Landfill site)

Health Assessor - Len O'Garro Phone: 360-236-3376

Community Outreach and Education - Rob Banes Phone: 360-236-3243

Site Manager: Neil Thompson - US Environmental Protection Agency

Site Background

The North Glenn Community well (North Glenn) located adjacent to Colbert Landfill site about 2.5 miles north of Colbert, Spokane County, Washington. During the most recent five year review of the Colbert Landfill site, EPA requested that Spokane County monitor for the possible presence of a newly found groundwater contaminant that has been known to be associated with 1,1,1-trichloroethane (TCA). The contaminant, called 1,4-dioxane, was commonly added as a stabilizer to solvents such as TCA. Spokane County collected samples in the Colbert Landfill area at various types of wells (such as extraction, monitoring and residential). Several of the wells contained 1,4-dioxane at concentrations ranging from 8.8 ppb to 28.28 ppb, which included one residential well (North Glen) at 11.1ppb.

Activity Report

Health Consultation mailed out

No current outreach activities for this site.

Future Planned Activities

No future outreach activities for this site are planned.

Sites in Thurston County

DNR Triangle Pit

Health Assessor - Len O'Garro Phone: 360-236-3376

Community Outreach and Education - Rob Banes Phone: 360-236-3243

Site Manager: John Felder - Department of Natural Resources

Site Background

The Washington Department of Natural Resources (DNR) Triangle Gravel Pit is located in the Capitol State Forest east of Olympia. The Triangle Gravel Pit is currently used by recreational personnel as a shooting range and Off Road Vehicle (ORV) area. Past use of the Pit by DNR was for gravel mining. Years of illegal use of the Pit as a shooting area has caused a buildup of lead bullet residue and other related shooting activities contaminants that can be a potential source for lead and other contaminants.

Activity Report

Draft Health Consultation is at ATSDR for review

No current outreach activities for this site. John Felder of DNR was e-mailed to touch base about signs for the site. No response was received.

Future Planned Activities

Will continue to contact DNR to coordinate signs for site.

Sites in Thurston County

Eastside Laundry

Health Assessor - Gary Palcisko Phone: 360-236-3377

Community Outreach and Education - Rob Banes Phone: 360-236-3243

Site Manager: No Site Manager On Record -

Site Background

Low concentrations of PCE were first discovered in subsurface soil near the Eastside facility during investigations in March 2000. Subsequent investigations conducted in the same area during April and August 2001 revealed low levels of PCE and petroleum hydrocarbons in the soil, and PCE in the groundwater. The source of soil and groundwater contamination is believed to be historic releases from the Eastside facility while under different ownership.

The owners of a neighboring business expressed concerns about the potential for exposure to drycleaning chemicals in indoor air from subsurface and aboveground sources at Eastside Laundry. To address these concerns, DOH and TCHD conducted indoor air sampling at Eastside Laundry and two adjacent businesses (Farmer's Insurance and Roy's Barbershop) in the winter of 2002. This sampling event revealed PCE levels in indoor air at Eastside Laundry, Roy's, and Farmer's, and TCE levels in indoor air at Eastside above background levels and respective health comparison values. DOH evaluated the sampling data for both cancer and noncancer health effects in a health consultation dated July 19, 2002, and concluded that that PCE and TCE levels found at Eastside and PCE levels at Roy's were of concern for noncancer and cancer health effects.

Repairs of the drycleaning machine were made. A follow-up air sampling event was completed in January 2004. The results of this sampling are being evaluated in a health consultation under review at ATSDR.

Activity Report

No health assessment activity this month.

No current outreach activity for this site.

Future Planned Activities

No future outreach activities are currently planned for this site.

Sites in Thurston County

Palermo Wellfield

Health Assessor - Barbara Trejo Phone: 360-236-3373

Community Outreach and Education - Rob Banes Phone: 360-236-3243

Site Manager: Kathy Johnson - US Environmental Protection Agency

Site Background

Trichloroethylene (TCE) and tetrachloroethylene (PCE) contaminated groundwater, originating at some commercial properties located hydraulically upgradient of the residential Palermo community in Tumwater, flows below the community posing a possible indoor air health risk.

Activity Report

No health assessment activities in June 2006.

No current outreach activities for this site. A vapor intrusion fact sheet was developed and refined. The fact sheet is not site specific and may be used at any site where vapor intrusion is a recognized exposure pathway.

Future Planned Activities

DOH will continue working with EPA to evaluate the groundwater to indoor air pathway for the Palermo neighborhood. DOH will prepare a health consultation report, in the future, summarizing its findings, conclusions, and recommendations regarding the health risks associated with the groundwater to indoor air pathway.

No future outreach activities are planned for this site. Future activities will depend on health consultation recommendations and stakeholder feedback.

Sites in Whatcom County

Ershigs Inc

Health Assessor - Barbara Trejo Phone: 360-236-3373

Community Outreach and Education - Rob Banes Phone: 360-236-3243

Site Manager: No Site Manager On Record -

Site Background

The Ershigs facility, located in Whatcom County, uses fiberglass and polystyrene resins, which contain volatile organic compounds (VOCs), to produce custom fiberglass reinforced plastic composites. No emission control devices are in place at the facility to reduce the amount of VOCs discharged into the air. The nearby community has health concerns about these emissions.

Activity Report

No health assessment activities in June 2006.

No current outreach activities for this site.

Future Planned Activities

Continue conducting a health consultation, at the request of the nearby community, to evaluate whether past, current, and potential future releases of VOCs, particularly styrene, pose an inhalation health risk to the nearby community.

Activities will depend on health consultation recommendations.

Sites in Whatcom County

Little Squalicum Park

Health Assessor - Barbara Trejo Phone: 360-236-3373

Community Outreach and Education - Rob Banes Phone: 360-236-3243

Site Manager: Mary O'Herron - Washington State Department of Ecology

Site Background

Little Squalicum Park site is located in Whatcom County. Contaminants have been discovered in soil, groundwater, surface water, and sediment at the site, which are a health concern to the nearby community. The property owners, under Ecology oversight, are conducting a remedial investigation/feasibility study starting in Fall 2005. DOH will be evaluating possible health risks associated with the site.

Activity Report

Reviewed the RI risk assessment approach, which was requested by Ecology. Comments were provided to Ecology.

No current outreach activities for this site.

Future Planned Activities

The results of the ongoing remedial investigation and feasibility study will be presented in a report in 2006, which will be reviewed by DOH because of community health concerns. The results of DOH's review will be summarized in a health consultation report.

Outreach activities will depend on health consultation recommendations.

Sites in Whatcom County

Oeser Company Site

Health Assessor - Barbara Trejo Phone: 360-236-3373

Community Outreach and Education - Rob Banes Phone: 360-236-3243

Site Manager: Mary Jane Nearman - US Environmental Protection Agency

Site Background

The Oeser Company, a wood treating facility and an EPA NPL site located in Whatcom County, uses pentachlorophenol, and in the past creosote, to treat utility poles. A number of releases to air, water, and soil have occurred at this site, which have been investigated by EPA. DOH has responded to community health concerns regarding this site since the mid-1990s.

Activity Report

Responded to a community complaint regarding air quality problems associated with the Oeser facility.

No current outreach activities for this site.

Future Planned Activities

Continue conducting a health consultation, at the request of the nearby community, to evaluate whether past, current, and potential future releases of chemicals from the Oeser wood treating facility pose an inhalation health risk to the nearby community. A public health assessment will be completed for this site addressing potential multiple exposure pathways.

No future outreach activities are planned for this site. Future activities will depend on stakeholder concerns and recommendations from the health consultation.

Sites in Whatcom County

Swift Creek

Health Assessor - Gary Palcisko Phone: 360-236-3377

Community Outreach and Education - Rob Banes Phone: 360-236-3243

Site Manager: No Site Manager On Record -

Site Background

A landslide that occurred about 50-60 years ago on Sumas Mountain in northern Whatcom County annually provides an enormous amount of material to Swift Creek during rain and snowmelt. This material has caused a long history of flood control problems downstream near the town of Everson. Annual dredging has been occurring for many years to prevent flooding. Until recently, the sediment material removed from the creek bed was taken by the public and used as fill in driveways, etc.

The material was known to contain low levels of naturally occurring asbestos, but it has recently been revealed that it may contain high levels of naturally occurring asbestos. Whatcom County Health Department has requested assistance from DOH to determine health risks posed by naturally occurring asbestos in Swift Creek sediments.

Public use of the dredged sediment has been discouraged.

Activity Report

DOH conducted a follow-up site visit along with EPA personnel to evaluate areas for future activity based sampling.

No current outreach activities for this site.

Future Planned Activities

No future outreach activities are planned for this site. Materials will be developed as needed in accordance to the DOH, Ecology, and EPA recommendations.

Sites in Yakima County

Apple Valley Elementary School

Health Assessor - Joan Hardy Phone: 360-236-3173

Community Outreach and Education - Rob Banes Phone: 360-236-3243

No Site Manager Assigned

Site Background

High levels of arsenic and lead are present in the Apple Valley area of Yakima County attributed to the historical application of lead arsenate pesticide in apple and pear orchards in Eastern Washington. Apple Valley Elementary School was built on former orchard land.

Activity Report

We had a site visit to Apple Valley Elementary School (20 March 2006). A draft report was submitted for internal review.

No current outreach activities for this site.

Future Planned Activities

Next step is to address comments when received from internal review of draft report. Once the report is updated, DOH will send it to Ecology, the Apple Valley Elementary School principal, West Valley School District Superintendent, and the local health jurisdiction for review and comment.

Public meetings and other outreach activities will be held if anyone is concerned about public health.

Sites in Yakima County

Gilbert Elementary School

Health Assessor - Elmer Diaz Phone: 360-236-3357

Community Outreach and Education - Rob Banes Phone: 360-236-3243

No Site Manager Assigned

Site Background

High levels of arsenic and lead are present in the Gilbert Elementary School in Yakima County attributed to the historical application of lead arsenate pesticide in apple and pear orchards in Eastern Washington. Gilbert Elementary School was built on former orchard land.

Activity Report

Addressing comments from regional ATSDR on the draft report. Working on research comments regarding bioavailability and cancer slope factor.

No current outreach activities planned for this site.

Future Planned Activities

Finish up health consultation, and do outreach and education as needed for parents, teachers and the public in general.

Cleanups are being scheduled for this summer. If there is a need, public meetings will be held around the cleanups.

Sites in Yakima County

Naches Valley Intermediate School

Health Assessor - Elmer Diaz Phone: 360-236-3357

Community Outreach and Education - Rob Banes Phone: 360-236-3243

No Site Manager Assigned

Site Background

High levels of arsenic and lead are present in the Naches Intermediate School in the Yakima County attributed to the historical application of lead arsenate pesticide in apple and pear orchards in Eastern Washington. Naches Intermediate School was built on former orchard land.

Activity Report

Addressing comments from regional ATSDR on the draft report. Working on research comments regarding bioavailability and cancer slope factor.

No current outreach activities for this site.

Future Planned Activities

Finish up health consultation, and do outreach and education as needed for parents, teachers and the public in general.

Public meetings with Ecology will be held around cleanups, if needed, in order to alleviate health concerns.

Sites in Yakima County

Robertson Elementary School

Health Assessor - Elmer Diaz Phone: 360-236-3357

Community Outreach and Education - Rob Banes Phone: 360-236-3243

No Site Manager Assigned

Site Background

High levels of arsenic and lead are present in the Robertson Elementary School in the Yakima County attributed to the historical application of lead arsenate pesticide in apple and pear orchards in Eastern Washington. Robertson Elementary School was built on former orchard land.

Activity Report

Health consultation and data analysis is in process. Comments from ATSDR will be addressed in the report.

No current outreach activities are planned for this site.

Future Planned Activities

Finish up health consultation, and do outreach and education as needed for parents, teachers and the public in general.

Public meetings will be held around cleanup schedules, if needed, in order to address public health concerns.
